

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	249	harmonic with spectroscopy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 14:22
S2	45	S1 and (detect\$3 sens\$3 measur\$3 measurement) with (water humidity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 14:24
S3	71	((methane (natural adj gas)) same (humidity moisture water) same (detect\$3 sens\$3 measur\$3 measurement)) and (chemical adj (detector sensor))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 14:43
S4	3	("5107118"   "6064488"   "6292756").PN. OR ("6657198").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/27 14:27
S5	469	(humidity moisture water) with (detect\$3 sens\$3 measur\$3 measurement)) with (chemical adj (detector sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 14:43
S6	44	S5 and (methane (natural adj gas))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 14:44
S7	175	S5 and ((optical light ir infrared infra-red infra adj red) with (detect\$3 sens\$3 measur\$3 measurement)) same (chemical adj sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 14:45
S8	0	("2004/0079887").URPN.	USPAT	OR	ON	2006/07/27 14:49
S10	32	((RANDY) near2 (MAY)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/27 14:49

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S11	3608	((tunable adj diode adj laser) or tdl)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 15:44
S12	33	S1 and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 16:19
S14	40	(detect\$3 sens\$3) same (water humidity moisture) same (methane (natural adj gas)) same (capacitance dielectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 16:36
S15	3429	(detect\$3 sens\$3) with (water humidity moisture) with (capacitance dielectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 16:37
S16	7	S15 and ((methane (natural adj gas)) with (water humidity moisture)) and (optical light spectroscop\$2 spectromet\$2 tdl laser diode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 16:38
S17	3860	(monitor\$3 with (water humidity moisture)) same (pipe pipeline)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 08:27
S18	3	((chemical near2 (sens\$3 detect\$3)) with (humidity water moisture)) and (((optical laser light tdl diode) with (sens\$3 detect\$3)) with (humidity water moisture)) and ((chemical near2 (sens\$3 detect\$3)) with ((optical laser light tdl diode) with (sens\$3 detect\$3)) with (redundant backup parallel))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 08:31
S19	2314	(monitor\$3 with (water humidity moisture)) with (pipe pipeline)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 08:27

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S20	2	((chemical near2 (sens\$3 detect\$3)) with (humidity water moisture)) and (((optical laser light tdl diode) with (sens\$3 detect\$3)) with (humidity water moisture)) and ((chemical near2 (sens\$3 detect\$3)) with ((optical laser light tdl diode) with (sens\$3 detect\$3)) with (multiple)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 08:32
S21	5	((chemical near2 (sens\$3 detect\$3)) with (humidity water moisture)) and (((optical laser light tdl diode) with (sens\$3 detect\$3)) with (humidity water moisture)) and S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 08:30
S22	18	((capacit\$4 dielectric resist\$4) with (sens\$3 detect\$3)) with (humidity water moisture)) and (((optical laser light tdl diode) with (sens\$3 detect\$3)) with (humidity water moisture)) and S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 08:34
S23	10	((capacit\$4 dielectric resist\$4) with (sens\$3 detect\$3)) with (humidity water moisture)) and (((optical laser light tdl diode) with (sens\$3 detect\$3)) with (humidity water moisture)) and (((capacit\$4 dielectric resist\$4) with (sens\$3 detect\$3)) with ((optical laser light tdl diode) with (sens\$3 detect\$3)) with (multiple)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 08:34
S24	40	((capacit\$4 dielectric resist\$4) with (sens\$3 detect\$3)) with (humidity water moisture)) and (((optical laser light tdl diode) with (sens\$3 detect\$3)) with (humidity water moisture)) and (((capacit\$4 dielectric resist\$4) with (sens\$3 detect\$3)) with ((optical laser light tdl diode) with (sens\$3 detect\$3)) with (redundant backup parallel)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 08:47
S25	277	((chemical capacit\$3 dielectric resist\$3) with (detector sensor)) and ((humidity water moisture) with (detect\$3 sens\$3)) and ((optical light ir infrared infra-red (infra adj red) tdl laser diode spectroscop\$2 spectromet\$2) with (detector sensor))).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 08:51

## EAST Search History

S26	66	S25 and ((natural adj gas) methane pipe pipeline)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 08:51
S27	211	S25 not S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 09:09
S28	726	(((natural adj gas) methane) with (pipe pipeline)) and ((water humidity moisture) with (detect\$3 sens\$3 measur\$3 measurement))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 09:11
S29	124	(((natural adj gas) methane) with (pipe pipeline)) same ((water humidity moisture) with (detect\$3 sens\$3 measur\$3 measurement))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 09:16
S30	9	("4953390" "5026991" "5107118" "5528040" "5880850" "5963336" "6064488" "6188475" "6292756").PN.	US-PGPUB; USPAT	OR	ON	2006/07/28 09:17
S31	602	S28 not S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 09:38
S32	1354	250/343.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 09:38
S33	393	250/339.13.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 09:38
S34	292	250/338.5.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 09:38

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S35	1134	S32 not (S33 S34 S31)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 09:44
S36	92	73/335.01.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 09:47
S37	150	73/335.04.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 09:47
S38	237	73/29.05.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 09:48
S40	153	(250/341.1 250/432R 250/435 250/339.01 250/339.06 250/339.07 250/339.08 250/339.1 250/339.12 250/353 73/1.06 73/29.01 73/29.02 356/436 356/437).ccls. and @pd>="20060206"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 09:48
S41	322	(250/341.1 250/432R 250/435 250/339.01 250/339.06 250/339.07 250/339.08 250/339.1 250/339.12 250/353 73/1.06 73/29.01 73/29.02 356/436 356/437).ccls. and (chemical capacit\$4 dielectric resistive resistance) with (detect\$3 sens\$3 measur\$3 measurement) with (water moisture humidity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 09:48